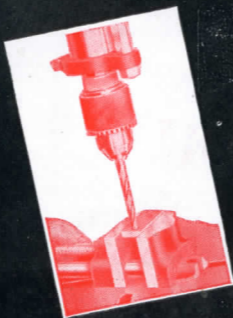
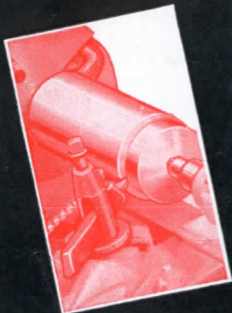


# *Modern* SHOP EQUIPMENT

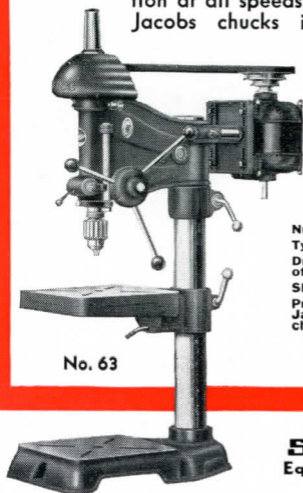


# DRILL PRESSES

## 4 Sizes and Models

It's the spindle head bearing construction with floating SKF ball bearing equipped drive and spindle that means long accurate high-speed service with an Atlas Drill Press. Six-splined spindle and balanced pulleys minimize vibration at all speeds. Machine-ground table and Jacobs chucks insure accurate work. For

*increased efficiency and convenience—V-belt drive, full-tilting table, 9 speeds from 600 to 5200 RPM, built-in switch, depth indicator, quick-change attachments for shaping, mortising, and other operations.*



No. 63

Number . . . . .	73	63	52
Type . . . . .	Floor	Bench	Bench
Drills to center of circle, diam.	15"	15"	12 3/4"
SKF Ball Bearings	4	4	3
Price less motor Jacobs 0-1/2" chuck . . . . .	\$44.75	39.75	32.75

**SKF**  
Equipped

## PRODUCTION ATTACHMENTS

Here are a few actual production records which show how an Atlas drills and taps more holes per hour at lower cost per hole:

- "Drilling and tapping doubled"
- "1800 to 2000 4-36 threads per hour"
- "200 9-36 threads per hour in steel"

(Right) Atlas No. 73 floor-type drill press equipped for high speed production work:

- Production oil table
- Foot lever feed control
- Tapping attachment
- Safety belt guard

Atlas drill press heads may be purchased separately for special industrial applications.

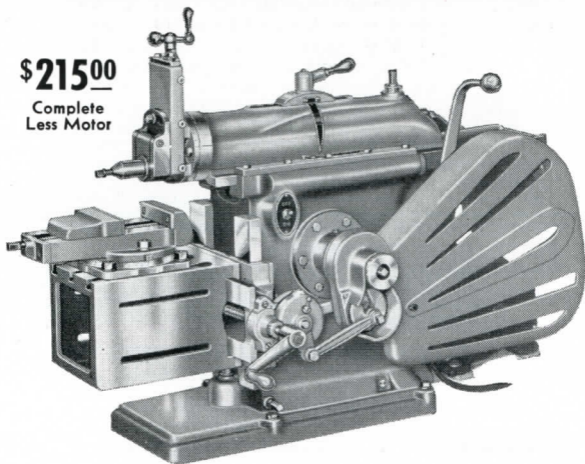


# NEW 7" SHAPER

It's compact—easy to set up and get in motion—efficient, powerful, accurate—and economical!

**\$215<sup>00</sup>**

Complete  
Less Motor



*4 Speeds . . . 5 Cross Feeds  
7" Stroke . . . V-Belt Drive*

Your dealer will be glad to help you give the Atlas Shaper a "once-over." Study the construction details and watch it in operation—learn how its design provides the rigidity, accuracy, power, and ease of operation required to handle all types of modern shaping work. Notice that bearing surfaces are unusually large and that carefully selected bearings are provided for all shafts. These fine bearings—plus the crank-type ram-driving mechanism powered completely by V-belts from motor to bull gear pinion—mean efficient, accurate performance and long service life.

Strokes per minute.....45 to 200

Cross Feeds..005, .010, .015, .020,  
.025 inches per stroke

Motor Recommended.....1/2 HP 1740 RPM

Ram stroke.....1/2" to 7"

Overall.....34"x 19"x 25" high

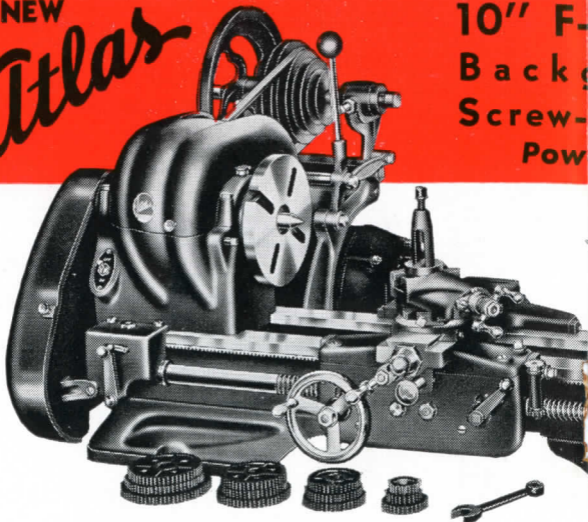
Crank-type ram driving mechanism

FURNISHED COMPLETE as shown including vise, less motor  
\$215.00; net weight 250 lb. Less safety guards \$198.00

***New ATLAS Shaper***

NEW  
*Atlas*

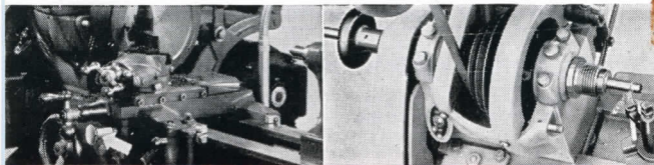
10" F-  
Back  
Screw-  
Pow



Arrange today to see the Atlas 10-inch F-Series Lathe in action. Test for yourself its .001" accuracy, its rugged strength and power. Notice how easy it handles, and how it walks through a tough job.

**The Atlas has everything you want!**

● Modern efficient manufacturing enables Atlas to make your equipment dollar go much farther. Sensibly priced attachments are available to handle all machining operations.

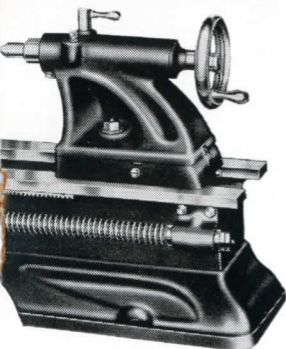


Standard equipment includes instantly reversible power cross feed and longitudinal feed

.001" accuracy guaranteed. Precision ground bed ways insure alignment of spindles and carriage

**SERIES**  
geared  
Cutting  
er Cross Feed Standard Equipment

# LATHES



- **Guaranteed Accuracy**
- **Rugged Strength**
- **Long Service Life**
- **Modern Efficiency**

**THE NEW ATLAS F-SERIES 10" LATHE** is the only low-cost precision lathe with instantly

reversible power cross feed and longitudinal feed as standard equipment. It is the only lathe, too, with all these modern features: complete V-belt drive, quick-change countershafts, compact controls, precision-ground bed ways, custom built spindle bearings, backgeared power for heavy jobs, 16 speeds from 28 to 2072 RPM, 60-hole indexing mechanism. Screw-cutting range: all standard threads from 4 to 96 per inch, metric threads from .5 to 7 mm., and hundreds of other threads and feeds.

Swing over bed.....10 $\frac{1}{4}$ "

Swing over carriage..... 6 $\frac{5}{8}$ "

Sixteen speeds.....28 to 2072 RPM

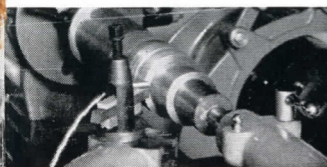
Motor Recommended.....

Headstock spindle, No. 3 Morse Taper  
with sleeve to take No. 2 Morse Taper

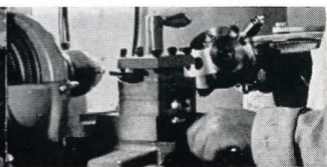
Tailstock ram....No. 2 Morse Taper

$\frac{1}{3}$  or  $\frac{1}{2}$  HP, 1740 RPM

**FURNISHED COMPLETE** as shown less motor. Four sizes: 18" to 36" between centers, 36" to 54" bed, horizontal countershaft (shown) or vertical (built-in) countershaft. Priced from \$99.75 to \$146.75.

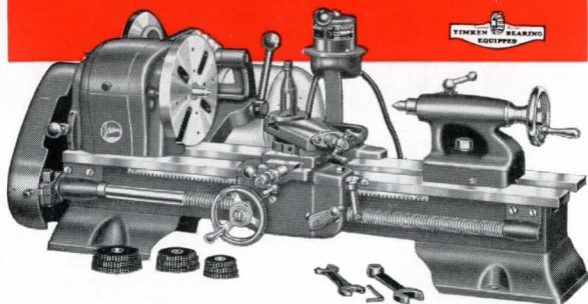


Rugged construction plus heavy-duty spindle and bearings permits powerful V-belt drive



Large bearings and provision for adjustment and lubrication mean extra years of lathe service

# 6" BACKGEARED SCREW-CUTTING LATHES



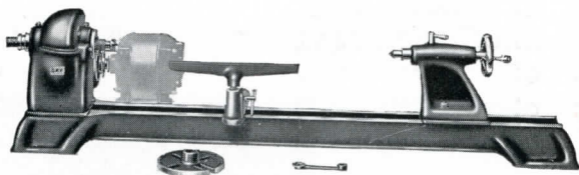
There's never been a value like this before—a rugged, powerful, accurate machine tool, precision-built, popular-priced!

The bed ways of the 6" Lathes are precision-ground to insure .001" alignment of spindles, carriage and bed in all planes. Large bearing surfaces preserve this initial accuracy and mean extra years of service. While your dealer puts the 6" Lathe through its paces, notice these features of its modern compact design: Timken-equipped backgeared headstock, complete V-belt drive, reversible automatic longitudinal feed for carriage, 60-hole indexing mechanism. Screw-cutting range: all standard threads from 8 to 96 per inch, metric threads from .5 to 3mm., hundreds of other threads and feeds.

Timken bearings, rugged headstock and tailstock, and wide speed range make the Atlas 6" Lathe an ideal combination machine for woodworking as well as machining all types of metals and plastics. Sensibly priced attachments are available for all machining operations.

Swing over bed . . . . .	6"	Headstock spindle, No. 2 Morse Taper
Swing over carriage . . . . .	4 1/8"	(Sleeve available for No. 1 Taper)
Sixteen speeds . . . . .	54 to 3225 RPM	Tailstock ram . . . No. 1 Morse Taper
Motor recommended . . . . .	1/4 HP, 1740 RPM	

**FURNISHED COMPLETE** as shown with drum-type reversing switch, less motor. Two sizes: 12" and 18" between centers, 24" and 30" bed. \$59.50 and \$64.50.

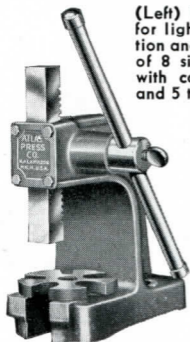


## WOOD LATHES

Atlas Wood Lathes have heavy well-braced castings for bed, head and tailstock to insure strength and rigidity—SKF ball bearing equipped spindle for high speeds and long service life. These lathes can be adapted for light metal turning and plastics machining. 10" and 12" swing, 36" centers. \$24.95 and \$33.95.

# ARBOR PRESSES

Correct design, rugged materials, thorough testing—three big reasons why Atlas arbor and straightening presses have been accepted for nearly 30 years as standard production and maintenance equipment in all types of industrial plants. 28 Atlas mechanical and hydraulic presses are available for pressures between  $\frac{1}{2}$  and 70 tons.



(Left) No. 00 half-ton press for light high-speed production and assembly work—one of 8 simple-leverage presses with capacities between  $\frac{1}{2}$  and 5 tons.

(Right) No. 2 five-ton press on floor pedestal. Compound leverage device permits applying great pressures quickly and easily. 7 compound-leverage models handle pressures from 5 to 25 tons.



● Your dealer has complete information on Atlas mechanical presses including straightening presses and wheel-operated, double-column, and general-purpose models.



No. 70H—70 Tons

## HYDRAULIC PRESSES

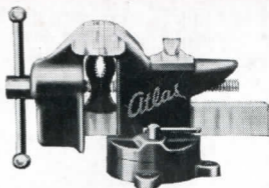
50 and 70 Tons Capacity

Factories, garages, and machine shops prefer Atlas Hydraulic Presses because they're rugged, powerful, easy-to-operate. The Atlas hydraulic workhead is a compact, self-contained unit easily moved along top channels for off-center work. Workheads and pressure gauge are furnished. Extra equipment available: testing attachment, dial test indicator, 2-ton side press. Workhead may be purchased separately for use with any press frame.

# FOR TODAY'S SHOP



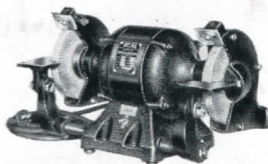
**MOTORS**—It's cheaper to buy a dependable Atlas motor—you're sure to get plenty of power, smooth quiet operation, low power cost, long service life.  $\frac{1}{4}$ ,  $\frac{1}{3}$ ,  $\frac{1}{2}$ , and  $\frac{3}{4}$  HP—ball or bronze bearings, single or three phase.



**VICES**—Atlas vises stand the gaff. Castings are tough close-grained Rimcoloy for greater strength, longer life. 35 sizes and models.



**MACHINISTS TOOLS**—Micrometers, calipers, dividers, gauges, levels, rules, scribes, chisels, punches, steel letters and figures, combination square.



**GRINDERS**—Rugged, fast and smooth-running. Built around fully enclosed 3450 RPM ball bearing motor.  $\frac{1}{4}$ ,  $\frac{1}{3}$ , and  $\frac{1}{2}$  HP bench or floor models.

For *Atlas* Equipment and Catalog See

The Nutmeg Auto Supply Company  
159 Park Street Hartford, Conn.  
191 North Main St., Norwich, Conn.  
428 West Main St., Waterbury, Conn.

Authorized *Atlas* Dealer

